



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Attorney Docket No.: **Flarion-21 (55)**

Applicants: **Rajiv LAROIA, Junyi LI**

Serial No.: **09/931,469**

Filing Date: **August 16, 2001**

Title: **OFDM COMMUNICATIONS METHODS AND APPARATUS**

Examiner: **Not yet assigned**

Group Art Unit: **2661**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R:

**Information Disclosure Statement Transmittal**

The applicants respectfully request that the references listed on the attached PTO/SB/08A be considered in the examination of the above-identified application. A copy of each of these references is enclosed.

The applicants reserve the right to establish that any of the references listed on the attached PTO/SB/08A are not prior art to the above-captioned application.

Since a first Office Action on the merits has not yet been received, the applicants assume that this Information Disclosure Statement should be considered under 37 C.F.R. §§ 1.97(b) (3). **Accordingly, it is believed that no fee is due.**

If, however, an Office Action on the merits has been mailed before the filing date of this Information Disclosure Statement, the Office is authorized to charge any fee required to have the Information Disclosure Statement considered to the deposit account of Straub & Pokotylo, deposit account number 50-1049.

Respectfully submitted,

Dated: February 15, 2005

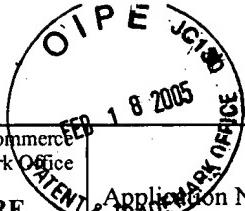
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**CERTIFICATE OF MAILING under 37 C.F.R. 1.8(a)**

I hereby certify that this correspondence is being deposited on **February 15, 2005** with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Michael P. Straub* \_\_\_\_\_ 36,941  
Michael P. Straub \_\_\_\_\_ Reg. No.



**U.S. Department of Commerce  
Patent and Trademark Office**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
*(use as many sheets as necessary)*

Complete if Known

~~Application Number:~~ 09/931,469  
~~Filing Date:~~ August 16, 2001  
First Named Inventor: Rajiv LAROIA  
Group Art Unit: 2661  
Examiner Name: Not yet assigned

Sheet **1** of **2** Attorney Docket No.: **Flarion-21 (55)**

## **U.S. PATENT DOCUMENTS**

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached kinds of U.S. Patent Documents. 3 Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16, if possible. 6 Applicant is to place a check mark here if English language translation is attached.

U.S. Department of Commerce Patent and Trademark Office				<i>Complete if Known</i>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number: <b>09/931,469</b> Filing Date: <b>August 16, 2001</b> First Named Inventor: <b>Rajiv LAROIA</b> Group Art Unit: <b>2661</b> Examiner Name: <b>Not yet assigned</b>
Sheet	<b>2</b>	of	<b>2</b>	Attorney Docket No.: <b>Flarion-21 (55)</b>

<b>OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, country, where published, source	T <sup>2</sup>
	AE	Tellado, "Multicarrier Modulation with Low Par", Kluwer Academic, Dordrecht, NL XP-002199500, (2000), pgs. 6-11 and 55-60.	
	AF	Bahai, Saltzberg, "System Architecture", <u>Multi-Carrier Digital Communications</u> , Kluwer Academic, New York, XP-002199501, (1999), pgs. 17-21.	
	AG	Bingham, "Other Types of MCM", <u>ADSL, VDSL, and Multicarrier Modulation</u> , John Wiley & Sons, New York, XP-002199502, (2000), pgs. 111-113.	

Examiner Signature		Date Considered	
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<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language translation is attached.